

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-282989

(43)Date of publication of application : 13.12.1991

(51)Int.Cl. G06K 17/00

F02D 45/00

G05B 15/02

G06F 15/74

// B60R 16/02

(21)Application number : 02-084499

(71)Applicant : TONEN CORP

(22)Date of filing : 30.03.1990

(72)Inventor : YONEDA MAKOTO  
ENDO MASAMI

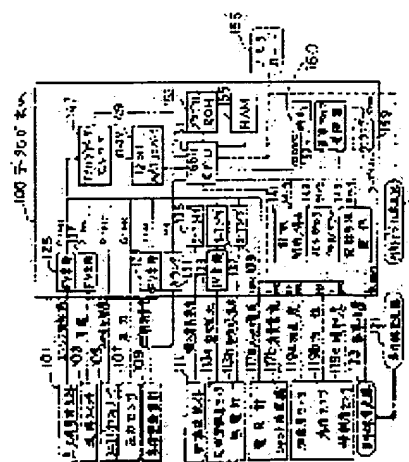
## (54) DATA STORING METHOD USING MEMORY CARD

## (57)Abstract:

PURPOSE: To make it possible to continuously sample much data and store the sampled data by time-sequentially reading out data relating to a vehicle at a prescribed sampling period and storing the read data in a memory card.

CONSTITUTION: Since engine rotation frequency, a vehicle speed, fuel consumption, and an air/fuel ratio (I/V conversion) out of measured data are detected as pulses, respective pulses are converted into voltage values by respective F/V converters and other detection data which are voltage values are directly sampled at a prescribed period through an analog selector 147. The sampled data are converted into digital data by an A/D converter 149 and stored in the memory card 156 through a CPU 151.

Consequently, much data can be sampled only by replacing cards.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]